

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
 Data File : VX033670.D
 Acq On : 09 Jan 2023 17:58
 Operator : JC/MD
 Sample : 01059-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(JAN)

Quant Time: Jan 10 00:48:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 06:16:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

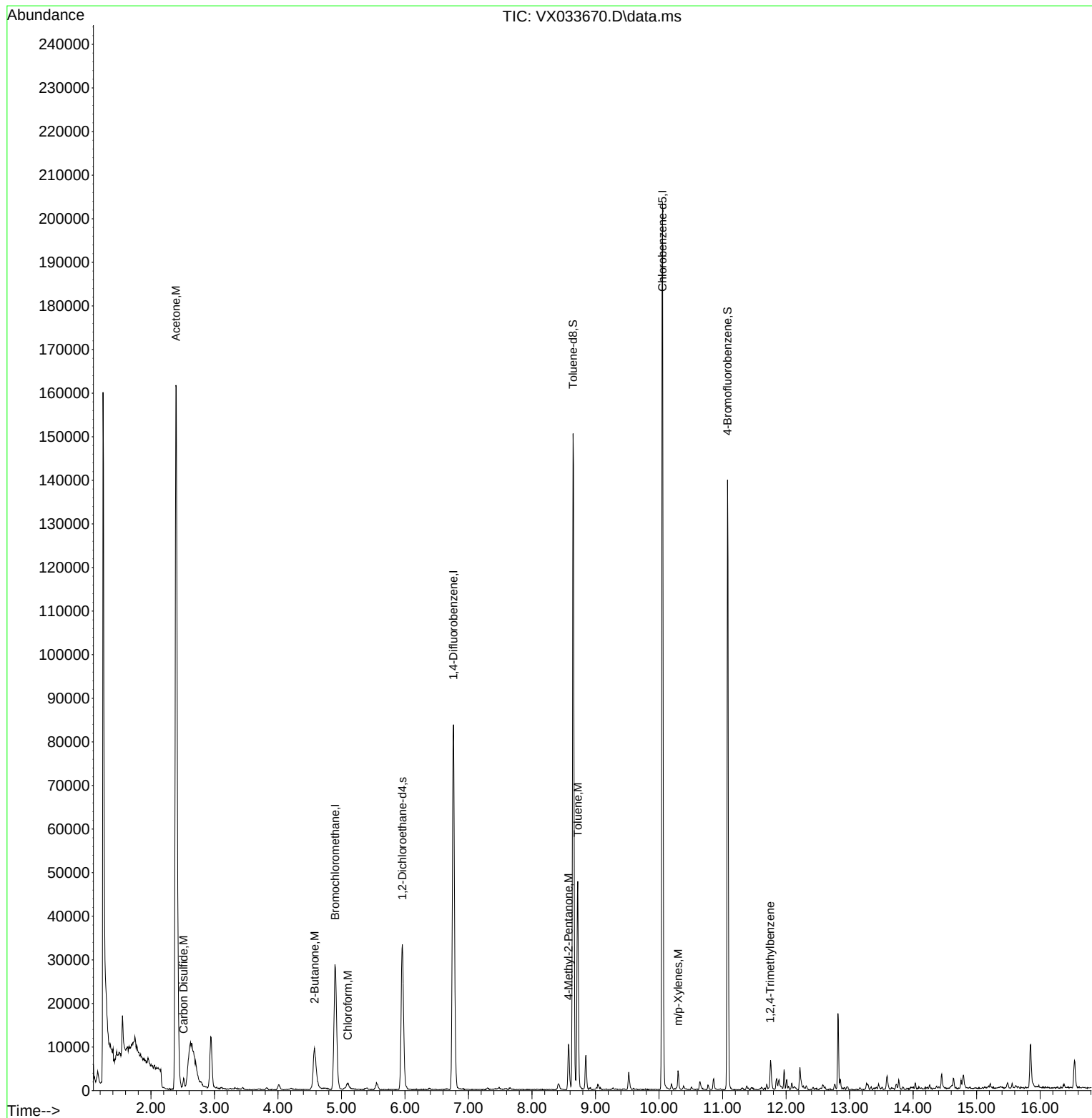
Internal Standards						
1) Bromochloromethane	4.897	128	12397	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	86201	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	93847	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	33079	32.954	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.833%
60) 4-Bromofluorobenzene	11.079	95	33579	19.852	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	66.167%
63) Toluene-d8	8.647	98	91851	30.582	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.933%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	68173	460.729	ug/l	88
16) Carbon Disulfide	2.514	76	2701	0.980	ug/l	99
25) Chloroform	5.099	83	1254	0.518	ug/l #	67
30) 2-Butanone	4.574	43	11246	11.557	ug/l #	92
58) 4-Methyl-2-Pentanone	8.574	43	7137	3.828	ug/l	98
62) Toluene	8.720	91	31521	5.336	ug/l	98
67) m/p-Xylenes	10.299	106	1111	0.427	ug/l	91
80) 1,2,4-Trimethylbenzene	11.750	105	1939	0.357	ug/l	92

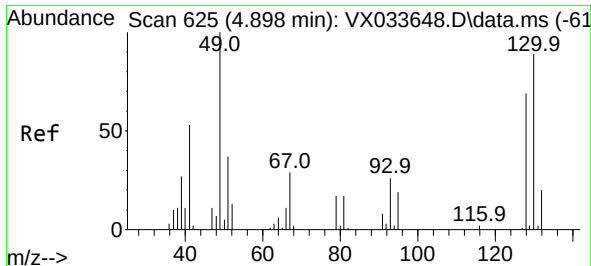
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

Quant Time: Jan 10 00:48:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jan 07 06:16:21 2023
Response via : Initial Calibration

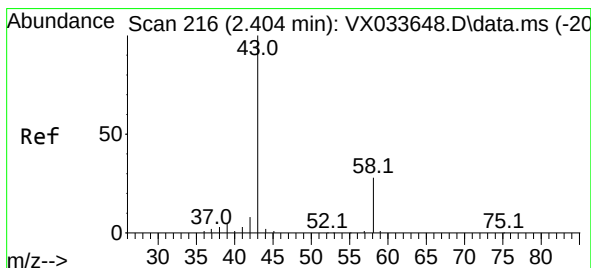
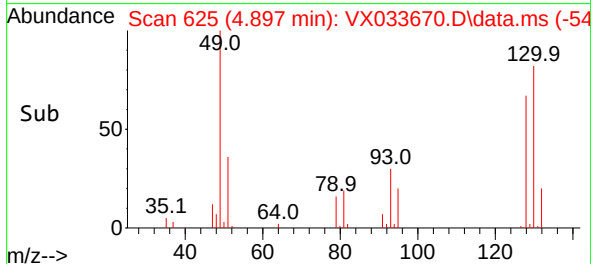
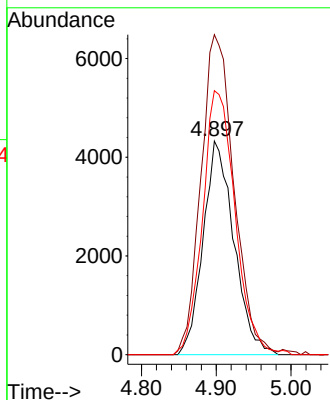
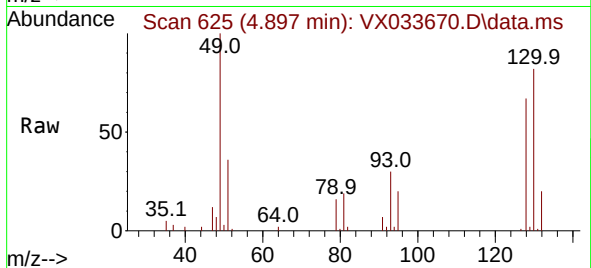




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX033670.D
Acq: 09 Jan 2023 17:58

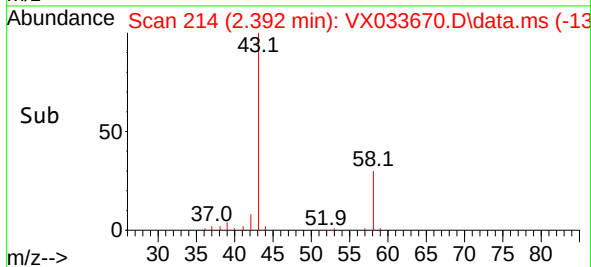
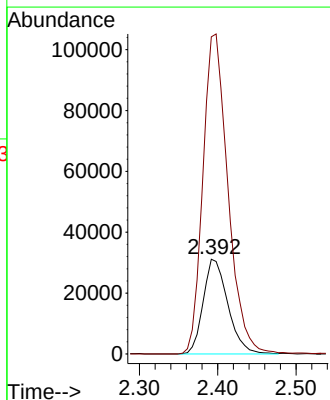
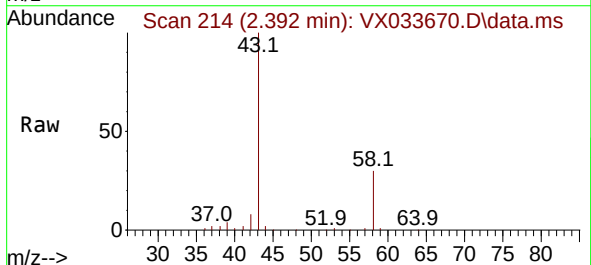
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

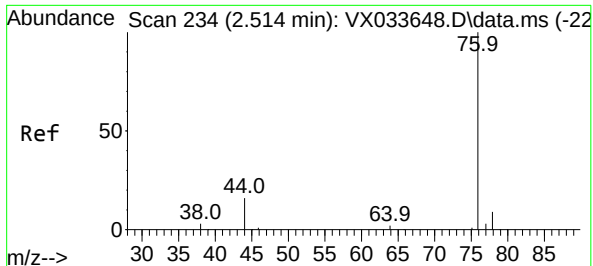
Tgt Ion:128 Resp: 12397
Ion Ratio Lower Upper
128 100
49 160.7 0.0 398.5
130 130.7 0.0 329.0



#15
Acetone
Concen: 460.729 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX033670.D
Acq: 09 Jan 2023 17:58

Tgt Ion: 58 Resp: 68173
Ion Ratio Lower Upper
58 100
43 334.7 288.3 432.5

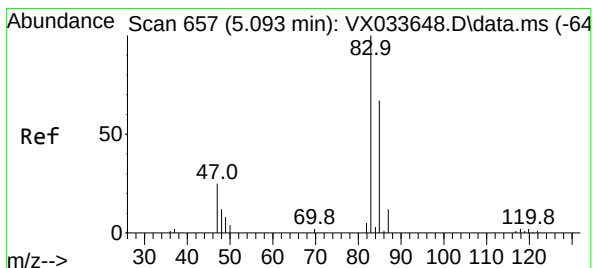
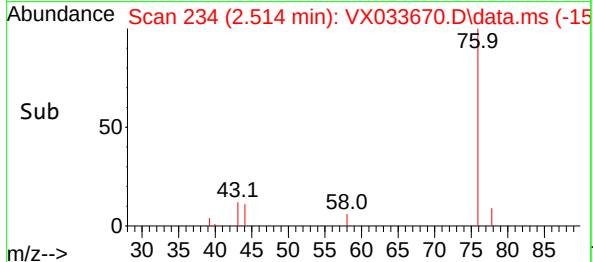
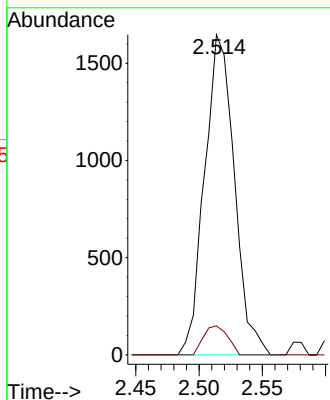
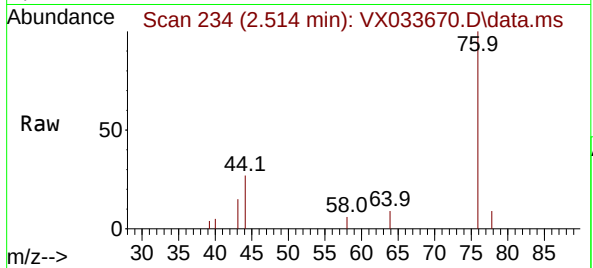




#16
Carbon Disulfide
Concen: 0.980 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033670.D
Acq: 09 Jan 2023 17:58

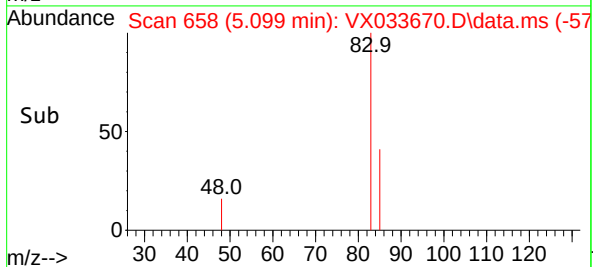
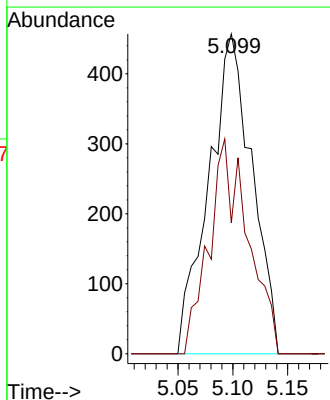
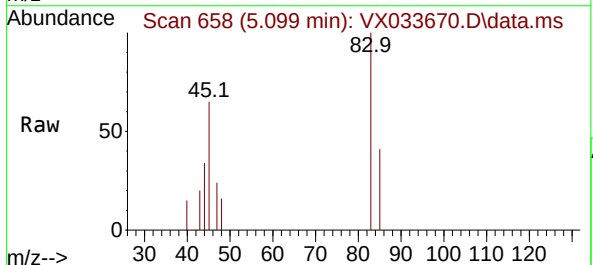
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

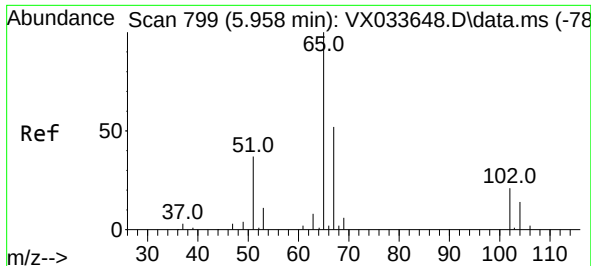
Tgt Ion: 76 Resp: 2701
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#25
Chloroform
Concen: 0.518 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX033670.D
Acq: 09 Jan 2023 17:58

Tgt Ion: 83 Resp: 1254
Ion Ratio Lower Upper
83 100
85 40.9 53.9 80.9#

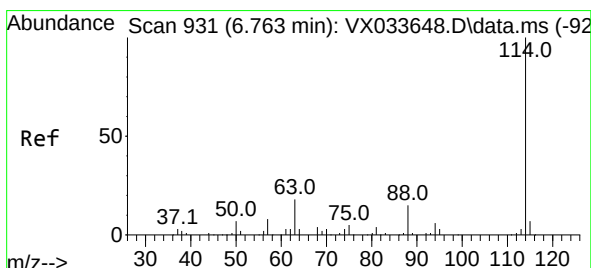
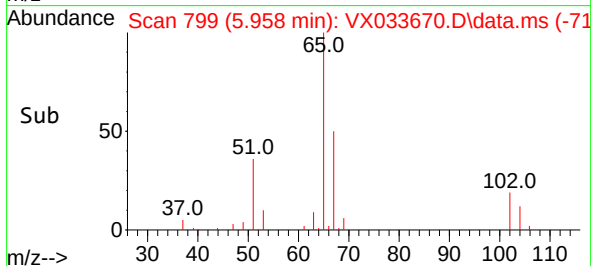
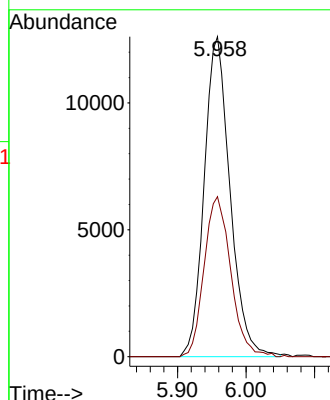
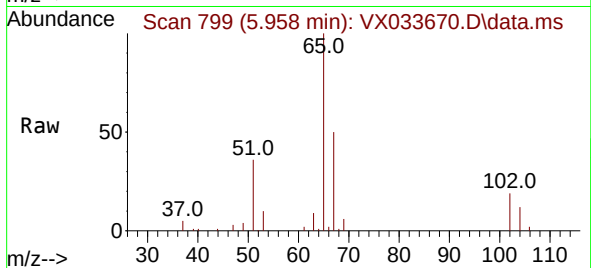




#27
 1,2-Dichloroethane-d4
 Concen: 32.954 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX033670.D
 Acq: 09 Jan 2023 17:58

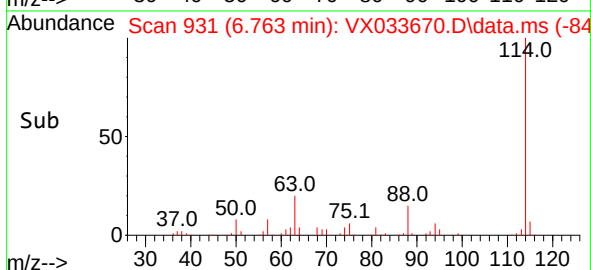
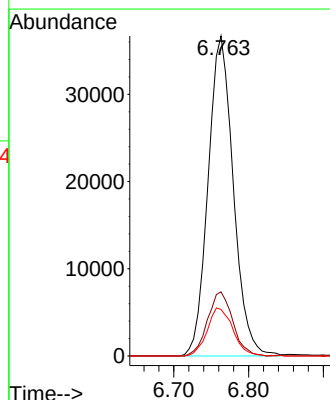
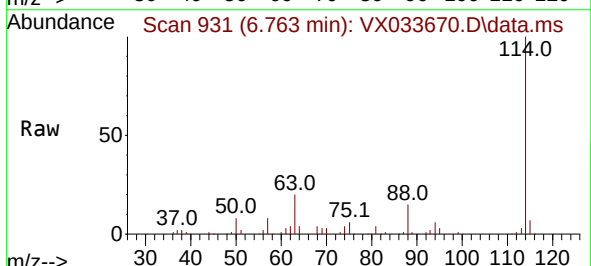
Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(JAN)

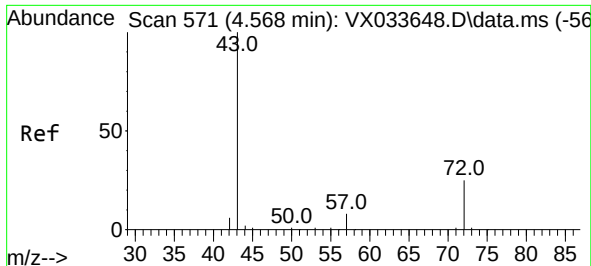
Tgt Ion: 65 Resp: 33079
 Ion Ratio Lower Upper
 65 100
 67 51.1 40.4 60.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX033670.D
 Acq: 09 Jan 2023 17:58

Tgt Ion: 114 Resp: 86201
 Ion Ratio Lower Upper
 114 100
 63 20.0 15.5 23.3
 88 15.2 12.4 18.6

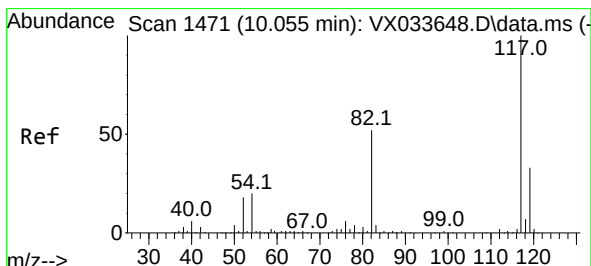
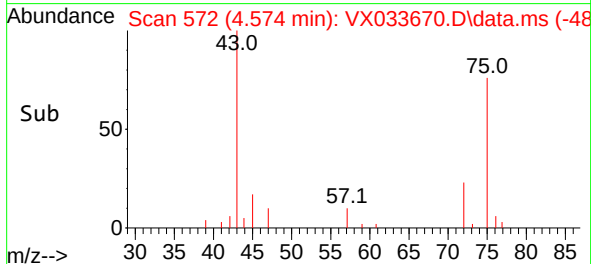
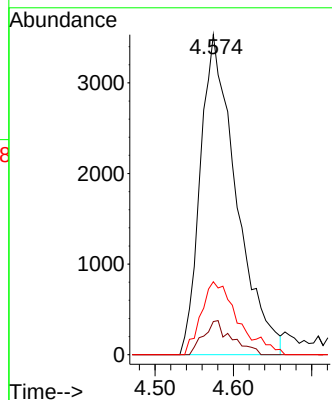
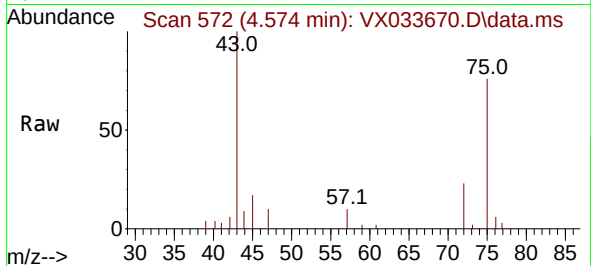




#30
2-Butanone
Concen: 11.557 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX033670.D
Acq: 09 Jan 2023 17:58

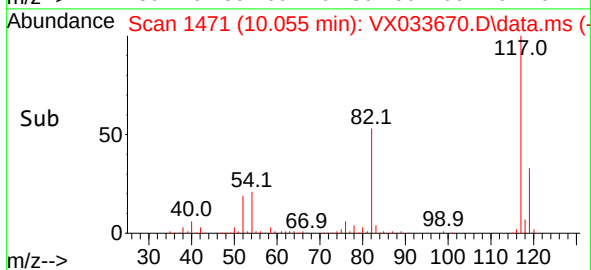
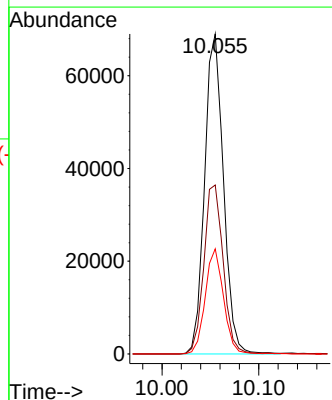
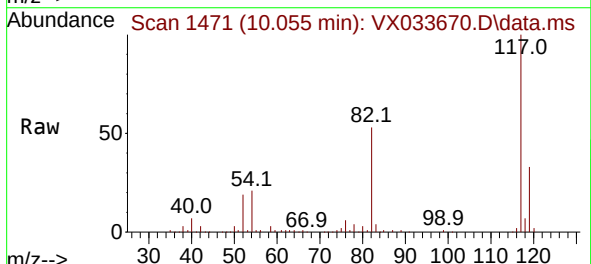
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

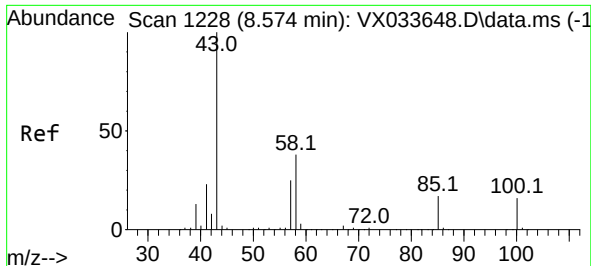
Tgt Ion: 43 Resp: 11246
Ion Ratio Lower Upper
43 100
57 8.3 3.4 5.2#
72 21.3 19.8 29.6



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033670.D
Acq: 09 Jan 2023 17:58

Tgt Ion: 117 Resp: 93847
Ion Ratio Lower Upper
117 100
82 54.0 41.9 62.9
119 31.8 25.6 38.4





#58

4-Methyl-2-Pentanone

Concen: 3.828 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033670.D

Acq: 09 Jan 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(JAN)

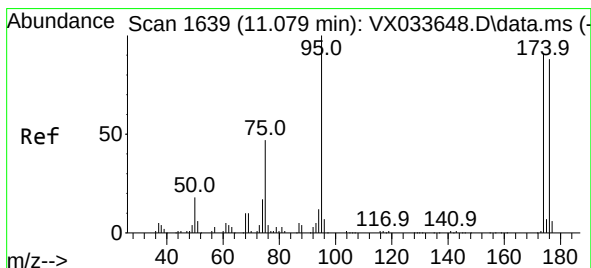
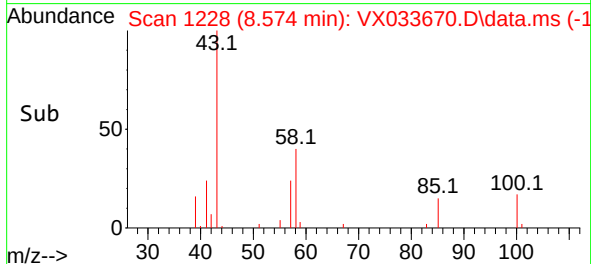
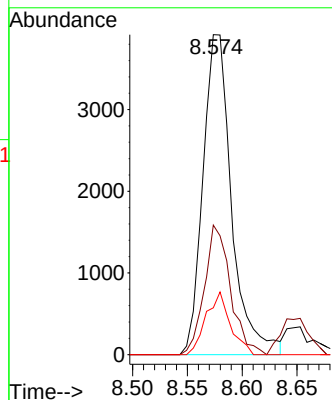
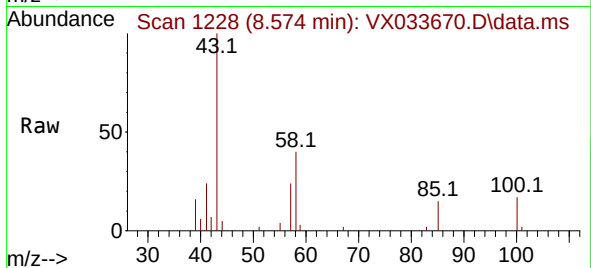
Tgt Ion: 43 Resp: 7137

Ion Ratio Lower Upper

43 100

58 36.7 30.2 45.4

85 16.6 13.8 20.8



#60

4-Bromofluorobenzene

Concen: 19.852 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033670.D

Acq: 09 Jan 2023 17:58

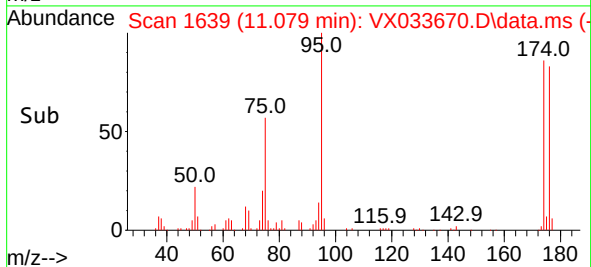
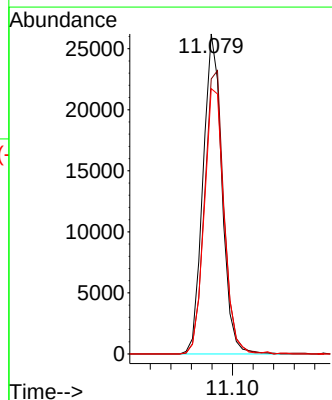
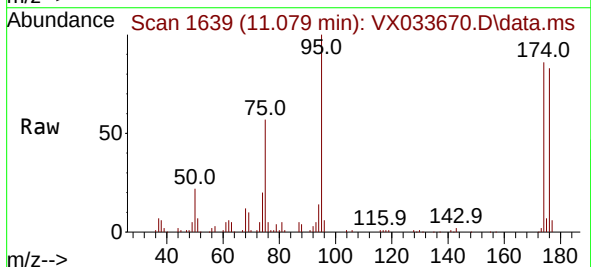
Tgt Ion: 95 Resp: 33579

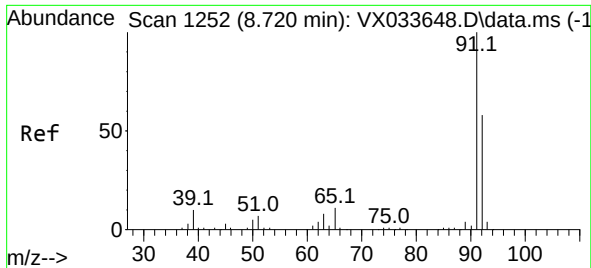
Ion Ratio Lower Upper

95 100

174 91.1 73.7 110.5

176 86.7 71.0 106.4





#62

Toluene

Concen: 5.336 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX033670.D

Acq: 09 Jan 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

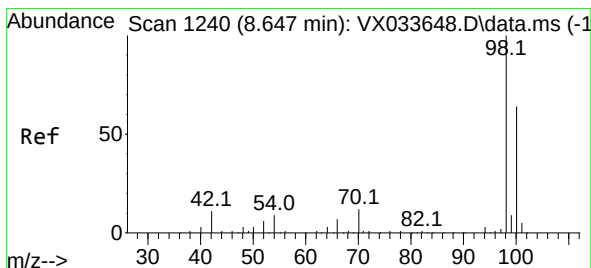
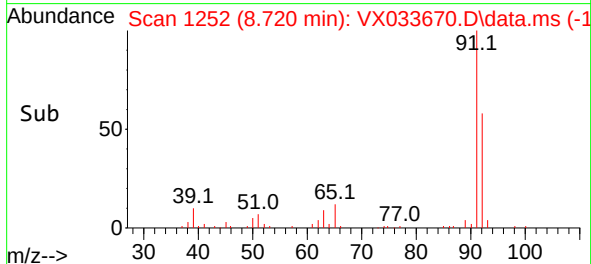
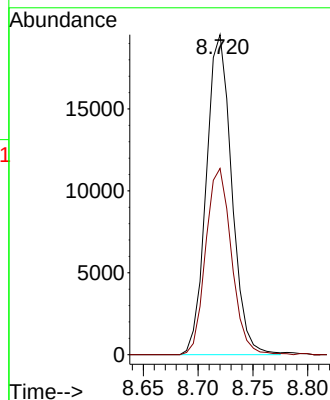
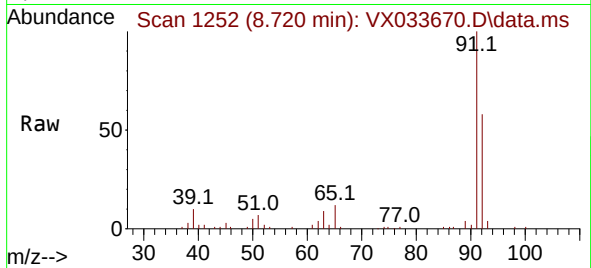
002-35TH-AVE(JAN)

Tgt Ion: 91 Resp: 31521

Ion Ratio Lower Upper

91 100

92 58.9 45.8 68.8



#63

Toluene-d8

Concen: 30.582 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX033670.D

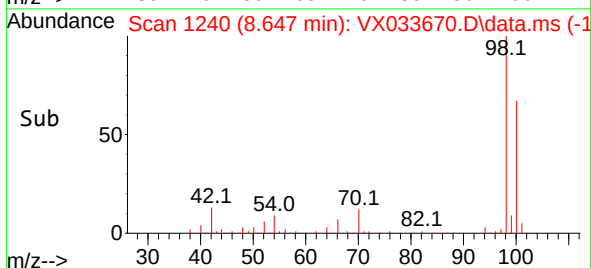
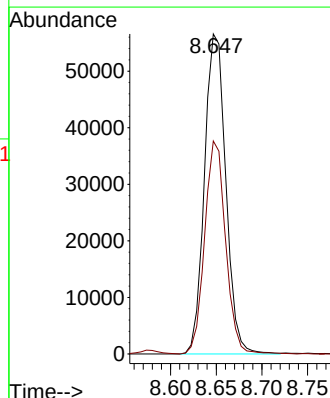
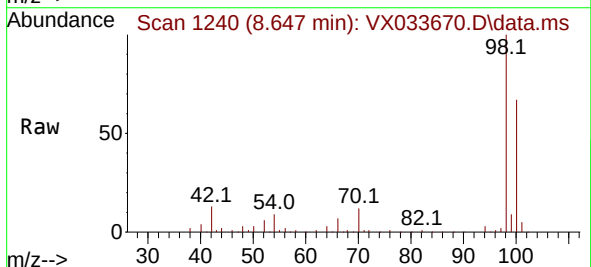
Acq: 09 Jan 2023 17:58

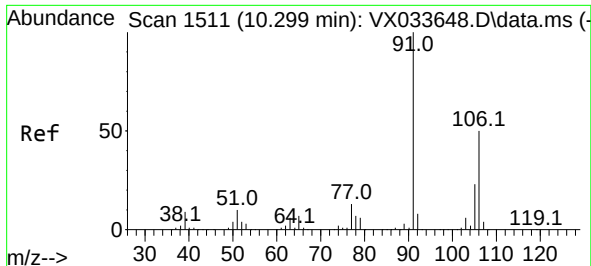
Tgt Ion: 98 Resp: 91851

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7

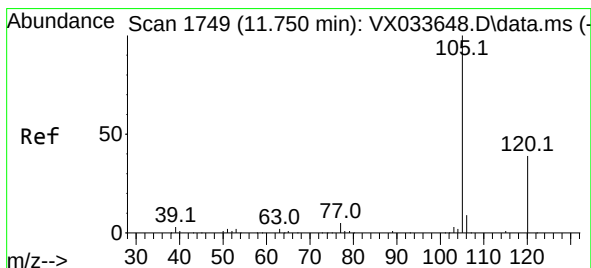
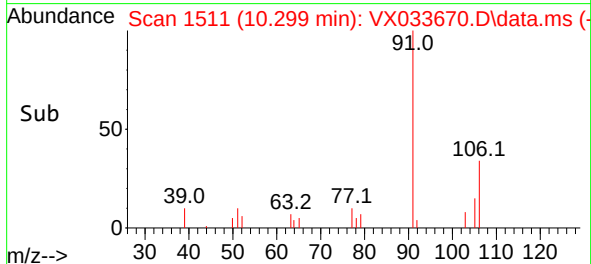
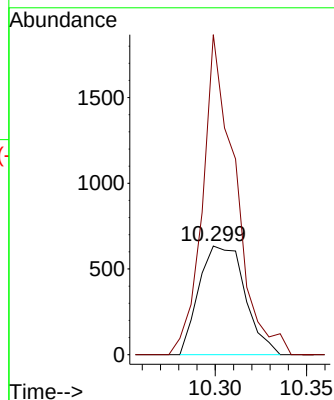
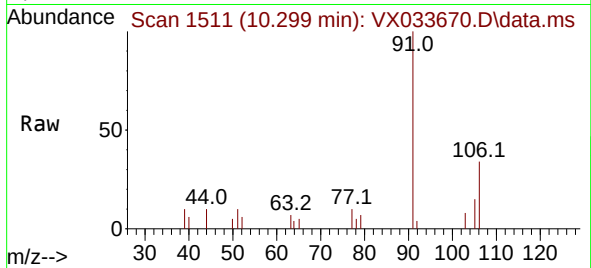




#67
m/p-Xylenes
Concen: 0.427 ug/l
RT: 10.299 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VX033670.D
Acq: 09 Jan 2023 17:58

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

Tgt Ion:106 Resp: 1111
Ion Ratio Lower Upper
106 100
91 209.5 157.3 235.9



#80
1,2,4-Trimethylbenzene
Concen: 0.357 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033670.D
Acq: 09 Jan 2023 17:58

Tgt Ion:105 Resp: 1939
Ion Ratio Lower Upper
105 100
120 40.1 0.0 91.2

